

10/19/04

Access DB#

Edward Han

Technical Info. Specialist
STIC/BioTech
CMI 6B02 Tel 305-920

RECEIVED

SEARCH REQUEST FORM
NOV -5 2003
Scientific and Technical Information CenterRequester's Full Name: RICHARD SCHNIZER Examiner #: 76557 Date: 11/5/03
An Unit: 1635 Phone Number 306-5441 Serial Number: 09/627,787
Mail Box and Bldg: Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

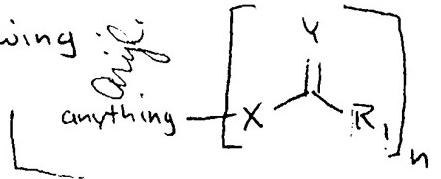
If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Conjugates and Processes for their preparationInventors (please provide full names): Eugen Uhlmann, Beate Greiner, Eberhard Unger,
Gislinde Gothe, Marc SchwendelEarliest Priority Filing Date: 7/28/99

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number

Please search the following:

 $X = O \text{ or } N$ $Y = O, S \text{ or } NH-IR_2$
 $R_2 = C_1-C_{18} \text{ alkyl}$
 straight chain or
 branched, saturated
 or unsaturated.
 $n \geq 1$

Text search the hits for phen?, b)

arvl, pyrrol?, furan?, thiophen?, lacton?, spirolacton?, benzquinon?, aromatic,
cyclohexyldien?, or cyclohexen? (Please 'or' all those terms)

Cross

Text search those hits for (carrier or oligonucleotide, or nucleotide or nucleoside
or nucleic or polynucleic, or polypeptide or peptide or protein or saccharide or
polysaccharide or mono saccharide)

Please call me with any questions 306-5441

(510) (272) (1717) (?)

not to return/review

P. Chan
R. Sh

FILE 'MEDLINE' ENTERED AT 06:31:52 ON 05 NOV 2003

L1 28 SEA PLU=ON ANTISENSE AND LIPOSOME AND TUMOR AND
HUMAN AND
VIVO AND MOUSE
D TI 1-28
D BIB 10-28
L2 7 SEA PLU=ON L1 AND ANTISENSE OLIGONUCLEOTIDE
D BIB 1-7
D KWIC 5-7

FILE 'CAPLUS, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH' ENTERED AT
06:44:07

ON 05 NOV 2003

L3 46 SEA PLU=ON L2
L4 30 DUP REM L3 (16 DUPLICATES REMOVED)
D BIB 15-30

(FILE 'HOME' ENTERED AT 08:40:52 ON 05 NOV 2003)

FILE 'MEDLINE' ENTERED AT 08:40:58 ON 05 NOV 2003

L1 3 SEA PLU=ON ESTERASE AND NUCLEASE AND CELL AND ASSAY
D BIB AB 1-3

FILE 'CAPLUS, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH' ENTERED AT
08:42:10

ON 05 NOV 2003

L2 17 SEA PLU=ON L1
L3 14 DUP REM L2 (3 DUPLICATES REMOVED)
D BIB AB 7-14

S #

Updt

Database

Query

Time

Comment

S9713

U

USPT

nucleic and (liposome and (lipid same hydrophobic same
(aryl
or aromatic)))

2003-11-12

07:26:29

S9712

U
USPT
liposome and (lipid same hydrophobic same (aryl or
aromatic))
2003-11-12
07:26:19

S9711
U
USPT
liposome and (hydrophobic same (aryl or aromatic))
2003-11-12
07:25:58

S9710
U
USPT,PGPB,JPAB,EPAB,DWPI,TDBD
liposome and (hydrophobic same (aryl or aromatic))
2003-11-12
07:25:39

S9709
U
USPT,PGPB,JPAB,EPAB,DWPI,TDBD
transfect\$ and linker same carbonyl
2003-11-12
07:07:56

S9708
U
USPT
transfect\$ and linker same carbonyl
2003-11-12
07:03:25

S9707
U
USPT
linker same thioamide
2003-11-12
06:57:54

S9706
U
USPT
transfect\$ and linker same (carbonyl or thioamide)
2003-11-12
06:54:35

S9705
U
USPT
linker same (carbonyl or thioamide)

2003-11-12
06:53:26

S9144
U
USPT
5276013.pn. and ph
2003-10-08 07:45:07

S9143
U
USPT
5276013.pn. and dmt
2003-10-08 07:32:21

S9142
U
USPT
(coutts.in. and valency platform) and daba
2003-10-07 15:03:24

S9141
U
USPT
coutts.in. and valency platform
2003-10-07 14:55:02

S9140
U
DWPI
1997wo-gb2965
2003-10-07 14:35:38

S9139
U
DWPI
(schact and seymore and ulbrich).in.
2003-10-07 14:34:53

S9138
U
DWPI
("carrier systems for delivery of nucleic acid material to target cells in
biological
systems").ti.
2003-10-07 14:33:57

S9137
U
USPT
5102973.pn.
2003-10-07 14:09:53

S9136

U
USPT
6,013,639.pn.
2003-10-07 13:40:40

S9135
U
EPAB,DWPI
wo-9955383-\$
2003-10-07 13:36:27

S9134
U
EPAB,DWPI
wo-9955383-
2003-10-07 13:36:09

S9133
U
EPAB,DWPI
(wo-9955383-)
2003-10-07 13:35:50

S9132
U
EPAB,DWPI
wo-9955383-
2003-10-07 13:35:48

S9131
U
EPAB,DWPI
CUTHBERTSON.in. and solbakken.in.
2003-10-07 13:30:23